

ABSTRACT

There is provided a mobile communication system capable of reducing the power consumption in the packet wait state and promptly transmitting a packet when data transmission is requested. At a predetermined synchronization establishment interval start time (T_1), a base station starts transmission of DPCH (DL) which is a downlink individual channel. A mobile station receives the DPCH (DL) and starts synchronization establishment operation. If the synchronization of the DPCH (DL) is not established by the synchronization establishment interval end time (T_2), the synchronization establishment operation is continued. If the base station cannot detect transmission of the DPCH (UL) which is an uplink individual channel from the base station by the synchronization establishment interval end time (T_2), the base station continues transmission of the DPCH (DL) to the mobile station and suspends user data transmission in the state update information to the mobile station and DPCH (DL) to the mobile station and control signal transmission to an upper node layer until the DPCH (UL) transmission is detected.